



THE Y-12 PLANT SAFETY AWARD SELECTION COMMITTEE WILL SELECT ITEMS FROM the above display of merchandise for individual safety awards for Y-12ers at a meeting next week. Committee members will appreciate learning the ideas of employees in their divisions on the selections to be made.

## Group Will Pick Safety Awards; Suggestions Of Y-12ers Sought

Steps Being Taken To Speed Distribution Of Individual Prizes For Safe Operations

Prompt steps are being taken to speed distribution of the individual safety awards to eligible Y-12ers following the announcement last week that the plant had established its sixth Carbide accident free period and earned the prizes for Y-12ers who were on the plant payroll from January 5 to April 6, inclusive. During that time Y-12ers worked 2,218,145 hours without a disabling accident.

A plant Safety Award Selection Committee has been appointed with representatives from every division in the Y-12 plant area. This committee will view a wide variety of articles obtained as samples of awards at a meeting to be held in Conference Room 204, Bldg. 9704-2, next Wednesday morning, September 17, at 10 o'clock. The committee will then pick seven suitable articles from the supply on hand from which the eligible Y-12ers will make their final selections.

After the individual selections are made, orders will be placed for the merchandise and distribution will depend on the speed shown by the manufacturers in filling the orders.

### Suggestions Are Sought

Committee members have asked all Y-12ers to look over the picture of articles to be presented at the meeting next week and give their opinions on suitable selections. A list of these articles will be found lower down in this story.

Members of the selection group, their building addresses and telephone numbers follow:

**Maintenance** — Nelson Tibbatts, coordinator, Bldg. 9739, telephone 7144; Mary Gilliam, Bldg. 9204-3, telephone 7405; A. K. Johnson, Bldg. 9737, telephone 7218.

**Chemical** — W. S. Herron, coordinator, Bldg. 9706-1A, telephone 7913; J. W. Bright, Bldg. 9212, telephone 7573; Elizabeth Patrick, Bldg. 9733-4, telephone 7555.

**Manufacturing Offices** — W. C. Davis, coordinator, Bldg. 9720-6, telephone 7628; D. E. Ferguson, Bldg. 9720-6, telephone 7349; B. M. Fitzgerald, Bldg. 9704-2, telephone 7349.

**Engineering** — Carl Roddy, coordinator, Bldg. 9739, telephone 7640; Edna Fine, Bldg. 9739, telephone 7418.

**Industrial Relations** — J. E. Temple, coordinator, Bldg. 9704-2, telephone 7741; Ada Hopkins, Bldg. 9701-1, telephone 7253; C. N. Nicely, Bldg. 9706-1, telephones 7272, 7146.

**Research Divisions** — L. H. Barker, coordinator of all, Bldg. 9766, telephone 7370; **Analytical Laboratory**, Margaret Marler, Bldg. 9733-2, telephone 7965; **Materials Chemistry**, K. O. Johnson, Bldg. 9733-1, telephone 7663; **Electromagnetic Research**, Margaret Jenkins, 9204-3, telephone 7455; **Isotope Research and Production**, Edith Zarzecki, Bldg. 9731, telephone 7151; **ANP**, Tom Crabtree, Bldg. 9201-2, telephones 7409, 7961; **Biology**, Mary Gauden, Bldg. 9207, telephone 7667; **Reactor Experimental Engineering**, Dorothy Smith, Bldg. 9204-1, telephone 7176; **Research Directors**, Joyce McGhee, Bldg. 9766, telephone 7370.

### List Of Articles Given

Among the sample awards received by the Safety Department and to be viewed by the selection committee next Wednesday are billfolds for both men and women, several types of pocket knives, a hunting knife, vacuum jug, tackle box, set of three golf balls, set of two beanbag weighted ash trays, Dynel socks, fishing line, electric lantern, set of three tennis balls, casting spoon, casting plugs, first aid kit, picnic basket, Zippo cigarette lighter, set of badminton birds and a softball.

## Bloodmobile Visit Set For Next Week

It has been a long—and costly—military action over there in Korea. The cost is mounting—in lives of American servicemen as well as in armament—and the end is not yet in sight.

There hasn't been the ballyhoo over this action that has marked World War I and World War II—but men have been killed just as dead and wounded just as seriously in the Korean fighting as in the bigger and declared conflicts.

Many of the wounded have had their lives saved by generosity of folks back home who have for the past many months been contributing a pint of blood through the American Red Cross for use in transfusions to wounded or sick servicemen in Korea. These contributions have been made through visits of the Red Cross Bloodmobile to Oak Ridge and Y-12ers have been in the forefront among the donors.

The Bloodmobile is coming back again next week—Tuesday and Wednesday, September 16 and 17—and a goal of 300 pints of blood has been set for this trip. The Bloodmobile again will be stationed at the Ridge Hall, where donors will be "tapped" for their contributions. The hours for donors will be from 2 p. m. to 8 p. m. Tuesday and 11:30 a. m. to 5:30 p. m. on Wednesday.

### Easy To Become Donor

It is easy for Y-12ers who wish to—and are able—to answer this appeal for life-giving fluid for American servicemen. George Oliver, of K-25, blood donor chairman of the Oak Ridge Chapter of the Red Cross, has announced that the procedure for contributors is the same as in the past. Donors have been asked to register with representatives of civic clubs, who in turn will list their pledges.

Continued on Page 4

## AEC Fellowship At Pittsburgh Awarded Ross; Will Specialize In Industrial Hygiene Study

A Y-12 chemist has been signally honored by the Atomic Energy Commission through receiving one of the AEC's new industrial hygiene fellowships, offered this year for the first time. The recipient is Donald M. Ross, of Health Physics, who will leave Y-12 Friday, September 12, for the University of Pittsburgh where he will begin his work under the fellowship on September 17, the date of registration.

The one-year fellowship granted the Y-12er is one of four offered by the commission for studies in industrial hygiene. The work may be taken at either the University of Pittsburgh or at Harvard. The AEC established the fellowship to promote more interest in industrial hygiene work both for industry in general as well as for the commission.

The course in industrial hygiene under the fellowship is conducted by the University of Pittsburgh Graduate School of Public Health,



Dr. Samuel C. Lind

## Many Y-12ers To See Dr. Lind Get Medal

A large delegation of Carbide chemists from the three Oak Ridge Company plants will be in attendance at the national meeting of the American Chemical Society in Atlantic City, N. J., next week when Dr. Samuel C. Lind will receive the highest honor available for American chemists. The honor is the Priestly Medal in tribute to Dr. Lind's "outstanding service to chemistry" and with it goes the distinction of delivering the Priestly Address, one of the principal features of the entire ACS meeting, set for September 15-18.

### Consultant For Carbide

Dr. Lind is consultant to the general manager of Carbide (Clark E. Center) atomic energy installations at Oak Ridge and also is acting temporary head of the chemistry division of the Oak Ridge National Laboratory. He is well known to many Y-12ers and has been a frequent visitor to the plant.

The Y-12 delegation to the ACS meeting will include A. Skritnansky, J. H. Rowan and F. E. Clark, Analytical Laboratory; W. C. Seymour, Administrative Product; W. W. Rice and H. O. Finley, Assay Laboratory; H. H. Garretson, W. E. Clark, Z. Zemel, C. J. Barton, J. S. Drury, L. G. Overholser, F. G. Seeley and C. F. Coleman, Materials Chemistry; Boyd Weaver, Isotope Research and Production; C. P. Keim, Research Directors Department; J. G. Burr, Jr., Radio Chemistry Department; H. P. House, Oscar Menis and W. K.

Continued on Page 2

## Rocket Society Sets Meeting Thursday

A special meeting of the East Tennessee Rocket Society with an attractive program has been arranged for tomorrow night, Thursday, September 11, it has been announced by Robert W. Boussard, of the ANP Division in Y-12 and president of the society. The meeting will be held at 8 p. m. in Room 205-A, Oak Ridge High School. All Y-12ers interested in the subject of guided missiles and jet propulsion are invited to attend.

### Dr. Fox Is Speaker

Dr. A. H. Cox, of Union College, New York, and on loan from the American Locomotive Co. to the ANP Division, will describe the German V-2 guided missile. Movies of launchings of German and American rocket missiles will be shown.

President Boussard will initiate a series of talks on rocket design and flight fundamentals at the meeting tomorrow night. He formerly was with the Hughes Aircraft Co., guided missile section and received his bachelor of science and master's degrees at the University of California at Los Angeles.

The October session of the East Tennessee Rocket Society will be a joint meeting with the Oak Ridge Section of the Instrument Society of America.

### COMMISSIONER HONORED

AEC Commissioner Thomas E. Murray received an honorary degree of Doctor of Laws from Manhattan University, New York, according to the New York Herald Tribune.

**Don Ross** Adolph Kammer, a consultant of Carbide and Carbon Chemicals Company who has made frequent trips to Y-12 during the past several years. It was Dr. Kammer who influenced Ross in applying for the fellowship.

Ross explained that the fellowship course offers sufficient time and subject matter to complete work on a master's degree. The Y-12er also is considering extending his studies for a Ph.D degree, depending on the scholastic record compiled during the one-year fellowship.

### Graduated From Texas

Ross was born in Kenosha, Wis., August 22, 1924, but claims Texas as his home as his family moved there in 1930. The Ross family lived at Edinburg, in the Rio Grande valley about 230 miles south of San Antonio, and the future Y-12er received his early education in Edinburg grade and high schools and junior college of the town. He graduated from the University of Texas in 1943 with a bachelor of science degree in chemistry.

He lost no time in becoming affiliated with the early Y-12 organization of that time, being em-

Continued on Page 2

## SAFETY SCOREBOARD

Your Plant Has Operated  
44 Days

Without A Lost Time Accident

Through September 7



# The Bulletin

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Y-12 Employees Of  
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## AEC Fellowship Given Ross At Pittsburgh

Continued from Page 1

played by Tennessee Eastman Corporation on June 21, 1943, three weeks after his graduation, and receiving Badge No. 520. For the first few months of his employment he was assigned to work at the University of California, Berkeley, Cal. On coming to Oak Ridge he was assigned to work in the opening phases of operations in Bldg. 9201-1, the first "alpha" building in the plant. As the other "alpha" buildings were opened Ross helped train personnel for the expanding operations. In the summer of 1944 he was transferred to production operations in Bldg. 9201-3.

Then came the summer of 1945 and in June Ross was drafted for military service by the Army.

### Held Same Job For Army

He now humorously recalls his service in khaki that lasted eight months.

"I was sent to Ft. Leonard Wood in Missouri and went through the usual rigamarole of classification. Just 12 days after I was drafted I was sent back to Y-12, back to the same job, same supervisor and same building!"

"My discharge appropriately came on Texas Independence Day, March 2, 1946, at Ft. McPherson, Ga., and I came back to Y-12."

On his return, Ross was assigned to the "beta" development work under Dr. R. S. Livingston, later being transferred to physics research and then to the Health Physics Department. For some time now he has been working under E. G. Struxness, department head, who encouraged him to apply for the AEC fellowship.

Since coming to the plant, "Don" Ross can well be described as a typical Y-12er. He married while here, has engaged in various plant and civic activities and is popular with all who know him.

### Family Living At Kingston

His marriage took place in August 10, 1946, in The Chapel-On-The-Hill, his bride being Miss Martha Jackson, an Alabama girl who also was a Y-12 employee in the Chemical Division. They now have two sons, David, 5, and Michael, 4. For more than a year now the Ross family has been living near Kingston on a 10-acre "country estate" on Watts Bar Lake, their home being a comfortably converted Oak Ridge flat top house. They have been able to rent their place for the year Ross expects to be gone in Pittsburgh, where they fortunately have been able to rent an apartment near the university.

The likeable Ross family has been interested in amateur theatrical work in Oak Ridge, both being connected with the Oak Ridge Community Playhouse. Mrs. Ross has been considered one of the city's leading actresses, appearing in several leading roles in Playhouse productions while Don helped out in publicity work by taking pictures of various Playhouse activities. Ross also was one of the founders of the old TEC Camera Club, now expanded to become the Carbide Camera Club.

### Ross Is Sports Enthusiast

Ross also is a sports enthusiast, being quite a baseball fan and having taken some excellent pic-



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Dorothy L. Brashears, Administrative Product; Marie C. Coots, Laundry; Charles W. Harps, Jr., and George W. Harvey, Guard; George J. McNamee and Willie Mae Braden, Cafeteria; Odell Loyd, Maintenance Shops; Herman L. Holsopple, Jr., Analytical Laboratory; Mary E. Lee, ANP Division; James L. Crawford, Electrical Maintenance; Henry T. Oliver, Administrative Normal; John B. Gray, Field Maintenance; and Clara C. Hall, Janitors.

## Two Are Cited In Promotions



D. B. Williams F. H. Marrow

One Y-12er each in the Maintenance Division and Guard Department are listed this week in the sketches of employees receiving promotions since July 1, 1951. More of these sketches will follow each week in The Bulletin.

**Fred Harley Morrow**—A Y-12er since January 17, 1944, Marrow has been in the Field Maintenance Department and was promoted from millwright to assistant foreman on September 1, 1951. He and his wife, Mrs. Alice Marrow, were married in 1939 and have three daughters, Jean, Janice and Fredia. They live at 122 Regent Circle, Oak Ridge.

**D. B. Williams**—Employed in the Guard Department on August 21, 1945, Williams was promoted from the rank of sergeant to lieutenant on January 1, 1952. Married on February 8, 1941, he and his wife, Mrs. Iva Faye Williams, have three daughters, Martha Elizabeth, Linda Gail and Billie Joyce. They live at 501 Delaware Ave., Oak Ridge.

tures of major leaguers training in Florida a few years ago, one of which was published in The Bulletin. His active participation consists of pitching for the Peons, the Health Physics softball team in the Carbide League—where he is particularly proud of his .392 batting average.

Questioned on his pitching and earned-run average, he laughed: "With that ball club my earned run average should be zero—they never catch any balls hit by the batters."

Ross also has another member of the family working in Y-12. She is Mrs. Margaret Ross Adcock, his sister, of the Security Department.

### Looking Forward To Year

The Y-12er is looking forward to his year of studies in Pittsburgh, both for the educational advantages offered under the fellowship and the sports and entertainment facilities offered—such as the Pittsburgh Pirates in baseball, the Steelers professional football team and the excellent musical attractions available.

However, the members of the Ross family apparently looking forward the most to the change in residence are the Ross boys.

They first want to see that "Pawnshop On The Corner In Pittsburgh, Penn-syl-vania."

## Metallurgical Meet Will Attract Y-12ers

Many metallurgists and other technical personnel of Y-12 are planning to attend the annual ABCOR meeting to be held in Oak Ridge September 18 and 19. The organization is composed of chapters of the American Society For Metals from Atlanta, Birmingham, Chattanooga and Oak Ridge and members from many points in the southeastern section of the country are expected to be present.

### Metallurgical Problems Topic

The theme of the meeting will be "Atomic Energy And Its Unique Metallurgical Problems." W. T. Carey is host chairman and an address of welcome will be given by John H. Frye, Jr., director of the metallurgy division of the Oak Ridge National Laboratory. L. K. Jetter, also of ORNL, will be chairman of the technical sessions.

Speakers at the meeting and their subjects include Joseph E. Burke, director of the metallurgy division, Knolls Atomic Power Laboratory, "Fuels For Nuclear Reactors;" G. E. Evans, physics division, ORNL, "Factors in Reactor Material Selections;" and D. S. Billington, director of the physics and solids division, ORNL, "Effect of Nuclear Reactor on the Properties of Metals."

The technical sessions will be followed by a dinner at the Oak Terrace with E. C. Miller, of ORNL, toastmaster, Thursday night. Movies of the University of Tennessee football games will be shown. On Friday a tour of ORNL and the Atomic Energy Museum will be given.

Dr. Francois Kertesz, of the Materials Chemistry Division in Y-12, is a member of the committee on arrangements for the meeting.

## Many Y-12ers To See Dr. Lind Get Medal

Continued from Page 1

Miller, Analytical Chemistry.

Presentation of the Priestly Medal to Dr. Lind will be made by Dr. E. C. Britton, of the Dow Chemical Co., Midland, Mich., president of the ACS. The ceremony and delivery of the Priestly Address will take place at a meeting of the general assembly on Monday night, September 15, in the Atlantic City convention hall.

Dr. Lind is a native Tennessean, having been born in McMinnville, Warren County, June 15, 1879. After receiving his A.B. degree from Washington and Lee University, Lexington, Va., he obtained his B.S. degree from the Massachusetts Institute of Technology and his Ph.D. degree from the University of Leipzig, Germany, in 1905. Several honorary degrees also have been conferred on him.

In 1905 he became a member of the faculty of the University of Minnesota and advanced to director of that university's school of chemistry and dean of the institute of technology. Later he became emeritus professor of chemistry and then emeritus dean of the school of chemistry in 1947.

Dr. Lind has held several positions with the United States government in the chemical field and was in a group of scientists who were instrumental in processing and purification of the first radium produced in the country. He is internationally known for his research on radium and radioactivity.



Charles D. Whitwill, Alloys, became father of a girl August 31.

Elwood A. Powell, Administrative Normal, became father of a girl September 2.



Ho hum—only 88 more shopping days before Christmas. Incidentally, you Y-12 party-lovers, don't forget to make a date for the annual Christmas Dance-Party—it's going to be flung on December 18. More details later.

**L. R. Bledsoe**, of Maintenance Shops, and his family visited relatives in Gate City, Va., while on a recent week of vacation . . . **F. M. Pugh** returned to work all rested up after a week of vacation at home in Oak Ridge . . . **John Gordon** and his family visited in Aiken, S. C., while vacationing recently—they made the return trip via Canton, N. C., to attend the softball tournament there . . . **W. J. Barker** spent his week of vacation with his folks in Manchester, Ky. . . . **W. H. Donahue** spent his week off in the Smokies . . . **H. C. McCraw** and his wife are on a two-week tour of the East Coast, beginning in Roanoke, Va., their main points of interest being Washington, D. C., the state of Maine and Quebec, Canada; and returning via Cleveland and Cincinnati, Ohio . . . **Boy Loy** and his wife vacationed in Fontana, N. C., last week . . . **J. E. Hargis** and his family made a trip to Carthage, Tenn., over the Labor Day week end to visit friends . . . **R. E. Monger** has returned from a two-week vacation in Pontiac, Mich. . . . **Wilma Curtis** and her husband, Stanley, spent the holiday week end with her parents, Mr. and Mrs. **L. T. Banner**, former Y-12ers, in Marietta, Ga. . . . **A. H. Coling** spent a recent week's vacation in Greenville, Mo. . . . **H. J. Nelson** vacationed recently at home in Knoxville . . . The department extends sympathy to **Helen Beckner**, who was called to Windsor, Canada, recently because of the death of her grandfather. Her parents and a sister, who live in Detroit, Mich., returned to Oak Ridge with her last week for a short visit.

**E. E. Johnson**, of the General Maintenance Offices, attended the American Legion convention in New York recently.

**Peg Zerby**, of Plant Records, spent the Labor Day week end in Chattanooga . . . **Shirley Reagan** visited relatives in Jacksonville, Fla., on last week's vacation . . . **Bobbie Jean Jesse** visited her husband, Don, at the Army post at Ft. Jackson, S. C., over the holiday week end.

**G. I. Davis**, of the Fire Department, is vacationing around home in Heiskell, this week—and plans to make a trip to the fair in Knoxville, with the wife and children.

**E. E. Early**, of the General Maintenance Offices, and his family enjoyed immensely their two-week vacation tour to Niagara Falls, N. Y., Toronto, and Ontario, Canada. . . . **Walt Simmons** visited in Leaksville, N. C., during his week of vacation.

**Virginia Guettner**, of Medical, has returned from a week of vacation in Richmond, Ind. . . . **Virginia Slusher** and her husband, Bob, visited their folks in Christiansburg, Va., over the holiday week end . . . **Celeste McGhee** is vacationing this week at home in Knoxville . . . **Libby Daugherty** journeyed over to Nashville for the Labor Day week end . . . The department welcomes **Clarice McWhorter** back to the roster.

The Guard Department extends get-well wishes to **C. W. Harpe, Jr.**, who is in the Oak Ridge Hospital suffering from virus pneumonia . . . Also a speedy recovery goes to **G. H. Harvey**, who is on the sick list . . . **Lieut. J. P. Seagle** enjoyed his recent week's vacation in Nashville, watching the television shows and having lots of good things to eat. The department extends deepest sympathy to **George W. Boggs**, whose wife died last Thursday in the Oak Ridge Hospital.

**T. A. Narcrosse**, of Property, and his wife are spending a two-week vacation with relatives in St.

Louis, Mo. . . . **John F. Esty**, son of **H. I. Esty**, was awarded the scouts highest award—the Eagle Scout Rank—August 28, with a court of honor at Jefferson Junior High School. John is with Troop 26.

**J. D. Hayes**, of Stores, and his family vacationed last week in Kentucky . . . **Eva Williams** spent her week of vacation at home in Madisonville, Tenn. . . . **J. R. Bayless** has returned from Macon, Ga., where he spent a week with his father-in-law, who is ill and to whom the department extends get-well wishes.

Property Sales welcomes **Barbara J. Davis** and **Arndt Griffith** to the roster . . . Wishes for smooth sailing goes along with **Evelyn Harmon**, who terminated last Friday to take up her scholastic activities at Carson Newman College in Jefferson City, Tenn.

The Superintendents Department and friends of **Nell Parks** throughout the plant wish to extend sympathy to her at the recent death of her brother, **Hugh Morgan**, of Princeton, Ky. She and her husband, **W. A. Parks**, Buildings and Grounds, attended the funeral last week.

Regarding that warning about so many shopping days 'til Xmas—if you don't believe it drop up to the Recreation Office. No, no telephone calls or mail orders.

The Analytical Chemistry Division extends congratulations to **Ralph Apple**, who is the proud father of a baby boy—the Apple's first child—born August 26, at the Oak Ridge Hospital—they think the father will live . . . **William Vaughn** has returned from his week of vacation all rested up after all that loafing and fishing . . . **Prexy Westerdahl** is vacationing at home in Oak Ridge—the Westerdahl's son, Allen, has spent the summer with his grandparents in Puerto Rico, from there he flew to New York, and is expected to return by train to Oak Ridge this week to take up his studies at the Oak Ridge High School, where he is a senior.

**John Norris**, of Isotope Research and Production, and his family are spending a two-week vacation in Kansas . . . The department was sorry to lose **Velma Rogers** last week—she terminated last Friday to make her home in Tallahassee, Fla., where her husband is teaching at the Florida State University . . . A welcome goes to **Beatrice Krisburg**, latest addition to the roster.

**Franklin Scheitlin**, of Isotope Chemistry, and his little daughter visited his sister in Kansas City, Mo., but first they went to Evansville, Ind., to take his mother along with them on the trip . . . **F. M. Thomas** took a trip to Nashville, otherwise he and the family spent their vacation time fishing over on Watts Bar Lake . . . **Boyd Weaver** and Mrs. Weaver have had her mother, Mrs. T. M. Hutchinson, and her grandfather, F. J. Kitt, from Akron, Ohio, visiting them in Oak Ridge, this summer.

**D. C. Lasley**, of Transportation, and **Paul Abner** spent their week of vacation at their respective homes in LaFollette . . . **W. B. Moti** has returned from a week of vacation . . . **C. W. Taylor** is spending his two-week vacation at home in Oliver Springs . . . **Lulla Belle Justice** also is spending a two-week vacation at home in Oliver Springs.

The Alloy Division welcomes **Joe Williams** back to work after an illness.

**Herb Gwinn**, of the Assay Laboratory, and his family have returned from a two-week vacation spent with his folks in West Virginia . . . **Opal Neeley** has returned from a week's vacation tour of the West and Mexico City . . . **Rosel Davis** has planned to visit relatives in Georgia for a few days but will spend most of her two-week

Continued on Page 3





Continued from Page 2

vacation at home in Knoxville... Ozelle Pass and Mattie Anderson spent the holiday week end at their respective homes in Pennington Gap, Va. . . . Doris Brogan spent the same period of time with her sister in Louisville, Ky. . . . Florene Robbins spent the Labor Day week end at her home in Oneida, Tenn.

The Cafeteria Department extends get-well wishes to Superintendent George McNamee, who is a patient in the Oak Ridge Hospital.

After a week end in Nashville, Perry Ward, of Training, spent his week's vacation at home in Fountain City, getting the children ready to enter school.

G. H. Clewett, of Materials Chemistry, and his family are enjoying a two-week vacation at Daytona Beach, Fla. . . . A. A. Palko spent his week off at home in Oak Ridge . . . N. V. Smith has returned from a vacation trip in a Crosley to New York—he says the Crosley ran at a good rate of speed and all he needed was a safety belt to hold him in—and that he thinks he will be able to stand up soon. Needless to say he left the car there and returned by another mode of transportation . . . Folks in the laboratory are wondering why Elvie Boyd is denying the report that he caught one bluegill catfish on his last fishing trip . . . The division extends a hearty welcome to L. Landau, R. M. Healy and B. B. Klima, latest additions to the roster.

Y-12ers up North Portal way last Friday were greeting Personnel Superintendent Fes Lowry with "Hi, Pop." The occasion was the birth of a son that morning to Fes and Mrs. Lowry at the Oak Ridge Hospital. Mother and son were doing nicely at press time and even "Pop" was recovering. Little Randolph Murphree Lowry just did beat The Bulletin deadline and earn this welcome.

## Golfing Guard Wins Lafollette Tourney

Lee Sweat, the golfing Guard of Y-12, walked away with top honors in the recent LaFollette invitational tournament with a score of 139 for the 36 holes. In second place was Carl Dorr, also of Y-12, with 143. Other Y-12ers who scored well and received prizes were Les Cater, sixth, 151; Palo O'Neal, eighth, 152; and Joe Pryson, 16th, 163.

## NEW ROADS STARTED

Work has started on access roads to uranium mining areas of Colorado, New Mexico, Arizona and Utah, according to the Albuquerque Journal. About 783 miles of such roads are to be built in the Colorado Plateau section.

Observing plant security is protecting national security.

## Charity Covers A Multitude Of Sins—Even Softball Twin Bill Saturday Night

On the one side it will be strictly for laughs—on the other side a most worthy promotion and benefit for the Order of Amaranth, an organization of the Mystic Shrine, which is raising funds for its community program.

The "it" is a softball double header Saturday night at Middletown Park. One game will pit the Recreation Workers of the city and Carbide against the Umpires Association. On the side of the Recreation team will be such luminaries as "Slim" Sabo, ORNL; "Beanie" Burris, K-25; Arnold "Muscles" Tiller, Y-12; "Rabbit" Yearwood, MSI; and a host of other stars. The Umpires—oh, does anyone know an umpire?

# PLANT TOURNEY FINALS SEEN THURSDAY

## B Loop Bowlers Get Good Start

### Sizzling Scores Posted; Women's Varsity Wins

The B League got away to a hot night of bowling last Thursday night to inaugurate the plant kegerling season, the pin smashers of the 12-club circuit setting some good standards on their first night of alley activities. Meanwhile, the Y-12 varsity women's team also got off on the proper foot with a four-point victory over the Atomic Energy Commission lassies in the Oak Ridge League to share the loop lead with the Management Services women, the only other team in the circuit to gain a white-wash win.

### Others Start This Week

The W League of plant women bowlers and the D League, a masculine circuit, were slated to begin bowling on Tuesday night of this week. The women bowl at the Central alleys while the men perform on the Jefferson hard-wood. The C League, also a men's loop, begins action tonight, Wednesday, September 10, on the Central alleys. All of these loops begin at 6 o'clock.

The other pin loop planned for the season, the E League, has not completed its organization and will hold a meeting at 3 o'clock Friday afternoon of this week, September 12, to clear the decks for action. Bowling in this league probably will begin on Tuesday night, September 16, on the Jefferson alleys.

The men's varsity bowling team is scheduled to get its first taste of action on Monday night of this week at the Oak Terrace.

In the B League rolling last Thursday the Rippers and Rebels got away fast with whitewash victories over the Bums and Has Beens, respectively. Three point wins were turned in by the Wolves over the Cubs, Bldg. 9212 over the Tigers, Bumpers over the Wasps and Swingsters over the All Stars.

### Hart Hogs Scoring Honors

Len Hart, one of Y-12's top bowlers, was in rare form on the opening night for the Rippers. He started out with a 224 high scratch game and 596 scratch series, boosting the latter score to 632 with handicap for tops of the session. Alvy, of the Wasps, got in the act with a 237 handicap game. The Rippers and Bumpers split team scoring honors with the former having top handicap tallies of 2,507 scratch and 2891 handicap series. The Bumpers had the leading game scores with 888 scratch and 1010 handicap.

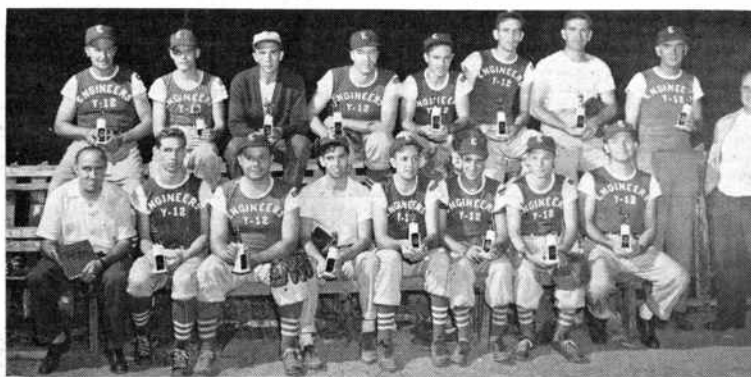
In addition to the top scorers previously listed, several other keglers topped the 200 mark. They included Arnold Tiller 207, Ernie Cobble and Elmore Koons 205, Joe Pryson and Alvy 203, Connie Roberts 201 and Fred Kappelmann 200. Mary Ballard led the Y-12 wom-

The other game will see the Y-12 Robins and Cas Walker lassies of Knoxville put an another one of their long series of clashes that have found the girls calling each other by the first names—they have played that much. With the pressure off the gals are liable to have as much fun as the masculine folks—but the Y-12ers might get ideas for the crucial lickings handed them by the Walkers and try for a revenge victory.

Anyhow—it is all for a most worthy cause and the admission is only 50 cents, four bits, one-half of a dollar.

Anyhow—'tis said that "charity covers a multitude of sins"—even against the honorable game of softball.

## Y-12 SPORTS NEWS



**CHAMPIONS OF THE CARBON LEAGUE OF PLANT** softballers for the 1952 season are the Engineers, shown with their trophies. In the back row, from left, are John Hill, Bob Morris, Hugh Welchel, Byron Hale, George Guerrant, L. V. Wilson, C. W. Cheney, Manager R. G. Boxley and Nelson Tibbatts, president of the two plant leagues who made the trophy presentation. In front are John Monahan, Bill Williams, Le Roy Ervin, Ralph Hardy, Roy McKnight, W. J. Tronolone, E. A. Crow and John Boyd. Squad members absent when picture was made were Hobey Thomas and Bill Koons.

## Nate Smith Brings City Net Crown To Y-12 With Smashing Win Over Labber

Displaying a powerful and red hot game, Y-12 netter Nate Smith almost blasted Roy Towns, of Oak Ridge National Laboratory, off the Townsite courts last Thursday to bring the city tennis title for 1952 to the plant for the first time in Oak Ridge history. Smith was definitely "on" on his game and scored an impressive straight set victory by 6-3, 6-1.

The Smith-Towns match was the climax of a championship engagement between the Y-12 and Lab lobbies that stood at two matches each following play the previous week. In the earlier engagements Jack Ransohoff and Don Smith had turned in singles wins for Y-12 over Mike Silverman and Clyde Hylton for Y-12. ORNL had taken both doubles titls with Cook and Zeitlan beating Hurst and Koontz and Creek and Blackshear trimming Wells and Baker.

The Y-12ers had won the first half of the season crown and ORNL the second.

en's bowling team win with a sizzling 476 series with games of 151, 167 and 158. Mavis Koons was close behind with 160, 142, 160—462 and then came Betty Whitehorn 146, 130, 145—421; Juanita Kirwan 147, 148, 120—415; and Ruby O'Kain 133, 126, 130—389. The Y-12 team posted a line score of 737, 713, 713—2164; to 605, 601, 584—1790 for the losers.

Standing of the B League follows:

Team	W	L
Rippers	4	0
Rebels	4	0
Wolves	3	1
Bldg. 9211	3	1
Bumpers	3	1
Swingsters	3	1
All Stars	1	3
Wasps	1	3
Tigers	1	3
Cubs	1	3
Bums	0	4
Has Beens	0	4

## Loop Golfers Plan Trip To Waynesville

About 12 Y-12 golfers will take part in a safari of players in the Smoky Mountain Golf League to Waynesville, N. C., on Sunday, September 28. The gathering of divot diggers of all teams in the circuit will be featured by the presentation of the league championship trophy to Y-12 for the second successive year. It must be won three years hand running to remain in permanent possession. In both of its victorious years the Y-12 team has gone through the season undefeated.

**Remember—Only you can PREVENT FOREST FIRES!**

## 'Sudden Death' Event Voted

### Carbide Second Half Playoff Set Friday

Plant softballers last week took a look at the calendar, the thermometer and football schedules and promptly and wisely decided to scrap plans for the double-elimination tournament in favor of a single-elimination or sudden death affair to settle the plant championship. This tourney got underway last Wednesday night and barring unforeseen delays it is expected the finals will be staged Thursday night of this week at Pinewood Park.

### Engineers Wins Two

The very first game saw an inter-league clash with the Engineers of the Carbon League bumping off the Bldg. 9212ers of the Carbide League by 5 to 4 as the losers could get but one bingle off Welchel, who whiffed eight. The Uranium Control Junior Varsity gained revenge for the Carbide loop by licking the Rusty Nine to the tune of 7 to 2 as Hopper hurled a three-hitter. In a wild intra-league clash the Guards smothered the Grocers by 23 to 5. Both teams are in the Carbon League.

The Engineers continued their march Friday night when they walloped the Duds to the tune of 17 to 8, aided by a 14-run fifth inning. The Sparks forfeited to the Bums the same night.

The Carbide League tangled second half situation may be cleared up Friday night when the UCJVs meet Bldg. 9212. A win for the UCJVs would give them the second half of the season title and bring on a three-game playoff with the 49ers, first half winners, for the year's championship.

If the UCJVs fall before the Bldg. 9212ers, the prospects are horrible to contemplate for the schedule makers and score keepers as it would bring up complications that would involve playing of more previously rained out games by the UCJV nine, Bldg. 9212 and 49ers before the muddle is cleared.

Line scores of tournament games played through Friday night follow:

Team	R	H	E
Bldg. 9212	300	100	0—4 1 5
Engineers	000	230	x—5 4 7

Mustin and Barker.	Welchel and Morris.
Rusty Nine	010 100 0—2 3 3
UCJV	102 310 x—7 8 3

Burnett and True.	Hopper and Hopkins.
Guards	172 241 6—23 15 0
Grocers	021 001 1—5 10 10

Wilson and Hunnicutt.	Doss and Salmon.
Engineers	0 0 2 1 14 0—17 11 4
Duds	1 0 0 0 3 0 4—8 10 6

Boxley and Hale. Law and Carlton.

## Rippers Need Lone Victory For Title

The Rippers are within a short iron shot of the second half championship in the Y-12 Golf League and need but a victory over the second place Rough Riders in a match this week to clinch the crown. However, the Rough Riders are not conceding the honor without a battle. The other teams in the league are mathematically out of the race.

The Fat Boys won the first half of the season schedule and a playoff for the years championship is certain.

Standings of the teams after play last Thursday follows:

Team	W	L
Rippers	16	2
Rough Riders	13	5
Fat Boys	13	7
Four Woods	12	8
Eagles	10	10
Shankers	9	9
Turf Riders	8	12
Four 100s	8	10
Hooks	7	13
Bldg. 9212	7	9
Rebels	4	12
Grand Slammers	4	14

## Bldg. 9212 Softies Gain Semi-Finals; Others Eliminated

At the end of play last week in the Oak Ridge Class B Softball Tournament one lone Y-12 entry—the Bldg. 9212 team of the Carbide League—remained in competition. It was slated to play the Oak Ridge National Laboratory Engineers on Monday night of this week, the tourney being suspended over the week end because of the circus playing on the softball lot.

The Bldg. 9212s reached the semi-finals of the tournament by trimming another Y-12 team, the 49ers of the same league, by 5 to 4 in a nip-and-tuck affair that saw the victors nose out their rivals in a mild upset in the last inning.

Earlier the Uranium Control Junior Varsity team from the Y-12 Carbide League had a bad first inning against the powerful K-25 Hot Rods and lost a 7 to 4 decision. The K-25 A Rams nosed out the Y-12 Rusty Nine of the Carbon League by 6 to 5 with a last inning run.

Scores of games in which Y-12 teams participated last week follow:

Team	R	H	E
49ers	000	220	0—4 3 5
Bldg. 9212	000	012	2—5 7 5

Sise and Jones.	Mustin and Barker.
Rusty Nine	110 002 1—5 9 3
K-25 A Rams	500 000 1—6 7 4

McAllister and True.	Lawson and Cole.
K-25 Hot Rods	600 001 0—7 7 4
UCJV	110 110 0—4 9 8

Vance and Fowlkes. Hopper and Hopkins.

## Plant Pistoleers Beat Independents

The Y-12 pistol team concluded its summer season by defeating the Oak Ridge Independents by the handicap score of 1446.871 to 1443.166 last week. The top five scorers for the Y-12 team with scratch and handicap tallies were H. C. Hoy 266—291.344; M. E. LeVerne 270—290.013; Paul Haubenreich 248—289.948; W. B. Lewis 242—287.936; and A. B. Longyear 228—287.630.



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**PAID**  
Oak Ridge, Tenn.  
Permit No. 3**Reader's Digest Booklet On What To Do--And What Not To Do--  
In Fires Will Be Distributed During Fire Prevention Week**

Will you be one of the more than 40,000 Americans who will die in flames or be disfigured for life by fire this year?

Will your home be one of the 775 in the country which will be attacked by fire before the sun sets today? When your youngster goes off to school tomorrow morning will his school be one of the eight that catch fire every day in the nation. Will that hospital where one of your loved ones may

now be confined be one of the three hospitals that fire daily seeks out for its special target?

Strangely enough—the answer is up to you—Mr. and Mrs. Y-12er and all the millions of other persons in the United States.

When fire breaks out there isn't time to read the fine print on the fire extinguisher—but Y-12ers are going to be informed on many of the things to do—and not to do—at work and at home to prevent

fires and to successfully combat them or escape from them if they start.

This is going to be done through distribution of a booklet to every Y-12 employee during Fire Prevention Week that will be observed in the plant during the week of October 5-11. The striking publication is merely entitled "Fire" and has been prepared by The Reader's Digest in consultation with the National Fire Protection Association. It is not merely a compilation of statistics on fateful fires of the nation's history—but a collection of condensed articles and other information that has as its objective the ravages of flames.

No elaborate programs or parades will be held in Y-12 during the observance of Fire Prevention Week in Y-12, according to Fire Chief W. O. Elam. However, the Fire Department and Supervision throughout the plant will work together to gain the cooperation of every employee in conscientiously working to eliminate every potential fire hazard in the plant area. This can be accomplished by the careful cleaning up of all working areas in the plant, both indoors and outdoors.

In previous national competitions in Fire Prevention work the Y-12 Plant has always finished high up in the scoring in comparison with other industrial plants of the country. For the past several years, however, there has been no such participation in contests on a nation-wide scale—the only contest being between individual Y-12ers to see who puts forth the best efforts to keep the plant free of fire hazards.

Such rivalry has brought excellent results here—as it shown by the good record compiled of extremely low figures in fire losses and injuries over a period of years.



**WHAT HAPPENS WHEN WHOLE BLOOD IS CONVERTED** into plasma for use by wounded or sick servicemen is shown above. At left blood is first processed in the original shipping bottles and is being prepared by the man at left for the centrifuge at right that whirls the bottles at high speed so that the clear blood plasma rises to the top of the bottle. Then girls in the laboratory "pool" the blood plasma, a hollow needle attached to a vacuum tube pierces the seal of the bottle and the plasma is drawn into the tank. The plasma then is irradiated to kill germs and virus and is put into new bottles holding just enough for one

transfusion. In the next picture to the right bottles of plasma, tubes and needles—all a medical corpsman needs to give a transfusion—is being packed. Tapes on bottles in foreground are used to hold the bottles in place during a transfusion. Then the plasma is ready for use on a battlefield—if needed—as shown in the picture at right. The first three pictures on the left in this series were made through the courtesy of the Armour and Co. Laboratories, Ft. Worth, Tex., which is among several laboratories in the country that processes blood received by the Red Cross from volunteer donors.

**Attendance Record**

MAJOR LEAGUE More Than 50 Employees Scheduled				
Dept.	Absent	8-31-52	8-24-52	Standing
2619	0.61	1	1	
2790	0.61	1	5	
2739	1.4	2	9	
2142	1.8	3	2	
2060	2.2	4	6	
2008	2.59	5	14	
2077	2.60	6	7	
2617	2.68	7	8	
2018	2.73	8	3	
2773	2.9	9	15	
2003	3.0	10	13	
2618	3.1	11	11	
2015	3.6	12	10	
2091	3.9	13	12	
2014	4.3	14	4	
2001	6.3	15	16	

Group absentee percentage was 3.0 per cent, .1 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled				
Dept.	Absent	8-31-52	8-24-52	Standing
2200	0.0	1	1	
2093	0.0	1	3	
2107	0.0	1	8	
2109	0.0	1	11	
2144	0.0	1	17	
2133	0.57	2	6	
2145	0.62	3	2	
2108	0.8	4	4	
2005	2.1	5	7	
2046	2.22	6	12	
2690	2.24	7	9	
2616	2.6	8	10	
2090	3.5	9	5	
2143	3.7	10	16	
2096	4.0	11	15	
2743	4.5	12	13	
2002	6.0	13	14	
2301	6.7	14	12	

Group absentee percentage was 2.2 per cent, .8 per cent lower than the preceding week.

The plant average for the week ending August 31 was 2.8 per cent, .1 per cent lower than the preceding week.

**Industrial Engineer Of Y-12  
Speaker At Chapter Meeting**

William H. Lain, an industrial engineer in Product Control and Planning, a unit of the Y-12 Operations Division in Bldg. 9212, was the principal speaker at a meeting of the East Tennessee Chapter of the American Institute of Industrial Engineers held September 8 in Knoxville. This was the first meeting of the year for the chapter, which was organized last year. Lain's topic was "Psycho-Engineering." The membership also discussed many tips engineers can get from psychologists in their field.

**Bloodmobile To Visit Oak Ridge Next Week;  
Plasma Processing For Soldiers Described**

Continued from Page 1

with the Red Cross. Names of these representatives have been previously published—but if any prospective Y-12 donor is in doubt as to where to register he or she should telephone the Red Cross at 5-5641 for this information.

Y-12ers and other Oak Ridgers have been generous in answering the Red Cross appeals in the three previous visits of the Bloodmobile to the city. On November 13-14, 1951, a record of 571 pints of blood were given. On March 11-12, 1952, the call was met by 319 donors and 306 contributed on May 20-21.

**No Blood Is Retained**

None of the blood collected during the Bloodmobile visits is retained in the local Red Cross chapter blood bank. All is sent to laboratories for processing and to be rushed to battlefields and hospitals in Korea.

Donors may be assured that when a pint of blood is given through the Red Cross Bloodmobile, its life-saving qualities will be safeguarded and preserved until it is used. The tremendous advances made in the technique of providing Americans in the armed services with a supply of transfusion material for emergencies is illustrated at the new human blood processing plant of the Armour Laboratories recently opened at Ft. Worth, Tex. It is one of the eight laboratories in the country which convert human blood into dried blood plasma and package it for shipment.

**25 Steps Are Required**

Shipments arrive at this laboratory in chilled containers holding from six to 48 pint bottles, shipped by air or rail express. Blood processing must start within 72 hours of donation and the initial steps completed within another 24 hours. Some 25 steps are necessary to convert blood into a plasma package ready for battlefield use.

When the blood is received the bottles are chilled to a temperature near freezing. The individual bottles then are put into a centrifuge, a closed device which whirls the bottles at high speed until the straw-colored blood plasma comes to the top of the bottle and the red cells settle at the bottom.

**Plasma Is "Pooled"**

After centrifuging, the bottles are taken to a room that is operated under aseptic conditions to guard against contamination. A sterile hollow needle attached to a vacuum tube punctures the seal on the bottle and draws off the plasma into a tank.

Plasma that is to be dried is "pooled" into sealed tanks holding the contributions of many donors. After the pooling tank is filled, the plasma is drawn through an irradiator. In the irradiator, the plasma flows around ultraviolet ray tubes. The rays kill bacteria or virus which might transmit disease.

The irradiated plasma is run into sterilized bottles, each holding about two and one-quarter pints of blood. The plasma remains in these bottles until it is administered to the patient.

**Packed Ready For Use**

Bottles of the dried plasma then are packed in a nitrogen-filled metal can with the sterile needles and rubber tubing needed for administration on the battlefield. The nitrogen prevents deterioration of the rubber.

Similarly packed is a bottle of sterile diluent, the fluid which dissolves the dried plasma so that it can be administered. The base of the diluent is distilled water, and the Armour Ft. Worth plant has equipment to distill the water. The diluent is mixed, filled into bottles, sealed and sterilized.

**Plasma Is Tested**

Each batch of plasma is held at the laboratory until it is tested and approved by the National Institute of Health, a federal agency at Bethesda, Md. It then is shipped by the Armour Laboratories to the United States Defense Department warehouses as directed by the department.

Then it goes to Korea on its life-saving mission.

**Three Y-12 Women Elected  
Officers Of Secretaries**

Three Y-12 women employees were installed as new officers of the Oak Ridge Chapter of the Na-

**Rides Wanted  
And Offered**

**Want To Join Car Pool**—From vicinity of 182 West Tennessee Ave., Oak Ridge, straight day. H. MacColl, plant telephone 7240, home telephone 5-6487, Oak Ridge.

**Ride Wanted**—From Wilder Place, East Knoxville, straight day. H. J. Nelson, plant telephone 7102, home telephone 2-5549, Knoxville.

**Want To Join Or Form Car Pool**—From Elm Grove Section, Oak Ridge, straight day. G. L. Harris, plant telephone 7751, home telephone 5-1692, Oak Ridge.

**Physicist, Author To Talk  
On Forum Program Tonight**

Dr. George Gamow, theoretical physicist and author of "George Washington University, Washington, D. C., will discuss "The Origin of The Universe" at an Oak Ridge Forum lecture to be given at 8 o'clock tonight, Wednesday, September 10. The program will be presented at the Jefferson Junior High School. The forum is sponsored by the Unitarian Church of Oak Ridge and admission to all of the lecture series is free to the public.

Dr. Gamow is well known as a lecturer and author, having written and illustrated several books. Among them is "Mr. Tompkins Explores The Atom," a popular science book published during World War II.

tional Secretaries Association at a meeting August 25. A change in officers of the group was necessitated by the departure from the city of some of the leaders.

The Y-12ers elected were Dorothy Kelly, Chemical Division, corresponding secretary; Edith Zarzecki, Isotope Research, treasurer; and Nell Cromer, Engineering, program chairman. Other officers named were Mrs. Vivian Powell, MSI, president; Helen Zang, ORNL, vice president; Clella Sharp, MSI, recording secretary; and Mrs. Virginia Latham, Maxon Construction Co., publicity chairman.

**Mineralogy Society Offers  
Dinner, Exhibition Tonight**

A dinner, exhibition of minerals and gem stones and sale of minerals will be held tonight, Wednesday, September 10, by the Oak Ridge Mineralogy Society and all Y-12ers interested in the work of the group are invited to attend. The dinner will be held at 6:15 p. m. at the Kern Memorial Methodist Church at \$1 per plate and the exhibition and sale will follow at 8 p. m.

The mineral display will include rough, slab and polished minerals. Gem stones also will be included in the exhibition. The sale will follow the show. A conducted tour of the gem cutting shop of the society also will be held.

**Physics Seminar Postpones  
Meet Because Of Conference**

No meeting will be held this week by the Oak Ridge Physics Seminar because of the Nuclear and Reactor Conference being held at the Oak Ridge National Laboratory. However, the meetings will be resumed on Friday, September 19, when Dr. J. L. Fowler, of ORNL, will speak on "Fission Asymmetry." The meeting next Friday will be at 3:15 p. m. in the auditorium of Bldg. 4500, ORNL.

**Carbide Wives Monthly Party  
Set For Next Wednesday**

The monthly meeting and card party of the Carbide Wives will be held at 7:30 o'clock next Wednesday night, September 17, in the East Lounge of the Ridge Recreation Hall. Bridge and canasta will be played and all wives of Y-12 employees are invited to attend. Mrs. Richard Aiken, Jr., will be the board of directors member in charge of the meeting.